Workout 3

miles The surface of Lake Michigan is 22,300 square miles. If the surface of Lake Michigan were a perfect circular region, what would its circumference be? Express your answer to the nearest ten. The six-person Droz family spends \$14.27 per person weekly at The Corner Grocers. If The Corner Grocers makes a net profit of 5% of the amounts customers pay, what is the net profit they will make on the Drozes' purchases over a six-week period? Lo has 300 yuan, Maria has 175 euros and Jorge has 500 pesos. If the three of them line up in order of Currency In USD Per USD wealth, such that the person holding the greatest value Chinese Yuan 0.120 8.333 in currency is at the front, 1.320 0.758 Euro in what order will they be Mexican Peso 0.090 11.111 standing, front to back? At the Surf's Up! Restaurant, a 15% tip is automatically added to Jarett's bill because there are more than six people in his party. On his check, the included tip is \$27. What is the total cost of the check including the tip? pos In how many different positions can a 2 by 1 rectangle be placed on the 8 by 8 square board so that the rectangle covers exactly two squares of the square board? If x < -4.38, what is the greatest possible integer value of x? pounds A 75-pound bag of feed for livestock contains 30 pounds of bone meal, 30 pounds of limestone and 15 pounds of salt. If Mandelbrot Feed Co. wishes to sell this same mixture in 100-pound bags, how many pounds of salt should be in each bag? lbs The graph shows the daily Up to amount of food needed to feed Number of Cups of Food 2 Months 5 a puppy based on the puppy's maximum adult weight. For 4 2-4 Months which maximum adult weight does a puppy have the greatest 3 percent increase of food intake 2 from "Up to 2 Months" to 4-6 Months "4-6 Months?" 1 0 50 Maximum Adult Weight (lbs) lbs Water weighs approximately 62.4 lbs/ft3. How much does the water in a full 5' by 3' by 2' tank in the shape of a rectangular prism weigh? 🔏 To get from one corner of a 90' by 90' square plaza to the diagonally opposite corner, what percent shorter is it to walk diagonally across than to walk along two of its sides? Express your answer to the nearest whole percent.